

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	10	glass with plate with suction with cup with (transport or convey\$4)	US-PGPUB; USPAT	OR	ON	2005/01/21 11:43
L4	86	(198/803.5.ccls. or 198/867.03.ccls. or 198/750.12.ccls. or 198/471.1.ccls. or 198/468.4.ccls. or 198/736.ccls. or 198/747.ccls. or 198/738.ccls. or 198/619.ccls. or 198/629.ccls. or 198/717.ccls. or 198/721.ccls. or 101/463.1.ccls. or 101/467.ccls. or 101/401.7.ccls. or 347/262.ccls. or 347/264.ccls. or 193/35R.ccls.) and @pd>="20040709"	US-PGPUB; USPAT	OR	ON	2005/01/21 13:34
S1	7	(US-3307231-\$ or US-3237244-\$ or US-2932380-\$ or US-2932380-\$ or US-2982387-\$ or US-3000490-\$ or US-1786779-\$ or US-3545596-\$).did.	USOCR	OR	ON	2004/07/08 14:30
S2	48	(US-6354208-\$ or US-6076464-\$ or US-6016188-\$ or US-5255607-\$ or US-5193690-\$ or US-5058500-\$ or US-4398629-\$ or US-5339737-\$ or US-4718340-\$ or US-5934195-\$ or US-5870624-\$ or US-4417260-\$ or US-5329825-\$ or US-5495279-\$ or US-4764815-\$ or US-4746942-\$ or US-5351617-\$ or US-5369468-\$ or US-4149626-\$ or US-3620353-\$ or US-4729310-\$ or US-4423955-\$ or US-4717928-\$ or US-4424519-\$ or US-5738014-\$ or US-5327194-\$).did. or (US-5220356-\$ or US-5121830-\$ or US-5245438-\$ or US-5699740-\$ or US-4681203-\$ or US-4023672-\$ or US-4909378-\$ or US-3650376-\$ or US-5437360-\$ or US-5115920-\$ or US-4887706-\$ or US-5341157-\$ or US-5034756-\$ or US-4963894-\$ or US-4809028-\$ or US-4149798-\$ or US-5227606-\$ or US-5909236-\$ or US-6064416-\$ or US-6196401-\$ or US-4015702-\$ or US-6029572-\$).did. or (WO-9635144-\$ or GB-2299728-\$).did.	US-PGPUB; USPAT	OR	ON	2004/07/08 14:31
S3	82	198/717.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/08 15:02
S4	209	198/721.ccls. not 198/717.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/08 15:58
S5	4	"5437360".URPN.	USPAT	OR	ON	2004/07/08 15:14

S6	12	("2895593" "2932380" "3000490" "3650376" "3930573" "3955665" "4149626" "4511030" "4887937" "5004094" "5085311" "5092451").PN.	USPAT	OR	ON	2004/07/08 15:16
S7	2	"5121830".URPN.	USPAT	OR	ON	2004/07/08 15:20
S8	4	("4613805" "4718539" "4800818" "4841869").PN.	USPAT	OR	ON	2004/07/08 15:20
S9	9	"4909378".URPN.	USPAT	OR	ON	2004/07/08 15:39
S10	11	("4036345" "4089399" "4627526" "4750604" "4823927" "4909372" "4909378" "5372247" "6193043" "6382385" "6422372").PN.	USPAT	OR	ON	2004/07/08 15:22
S11	8	"4398629".URPN.	USPAT	OR	ON	2004/07/08 15:26
S12	5	"4015702".URPN.	USPAT	OR	ON	2004/07/08 16:01
S13	2	("3108682" "4015702").PN.	USPAT	OR	ON	2004/07/08 16:01
S14	6	("0978551" "1883890" "2622745" "2956666" "3286744" "3542359").PN.	USPAT	OR	ON	2004/07/08 16:02
S15	1	"1883890".URPN.	USPAT	OR	ON	2004/07/08 16:25
S16	313	198/747.ccls. not (198/721.ccls. or 198/717.ccls.)	US-PGPUB; USPAT	OR	ON	2004/07/08 17:37
S17	58	198/738.ccls. not (198/747.ccls. or 198/721.ccls. or 198/717.ccls.)	US-PGPUB; USPAT	OR	ON	2004/07/08 17:48
S18	330	198/618-853.ccls. and (sheet with flat)	US-PGPUB; USPAT	OR	ON	2004/07/08 17:50
S19	100	198/618-853.ccls. and (sheet with flat) not belt	US-PGPUB; USPAT	OR	ON	2004/07/08 18:04
S20	0	"3520399".URPN.	USPAT	OR	ON	2004/07/08 17:56
S21	160	198/468.11.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/08 17:59
S22	8	("2681130" "2859863" "3096871" "3329469" "3822777" "4078489" "4311230" "4386641").PN.	USPAT	OR	ON	2004/07/08 18:00
S23	1	"2953233".URPN.	USPAT	OR	ON	2004/07/08 18:02
S24	1326	198/618-853.ccls. and (sheet and flat) not belt	USOCR	OR	ON	2004/07/08 18:05
S25	283	198/618-853.ccls. and (sheet same flat) not belt	USOCR	OR	ON	2004/07/08 18:05
S26	98	198/618-853.ccls. and (sheet near10 flat) not belt	USOCR	OR	ON	2004/07/08 18:17

S27	189	198/619.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/08 18:10
S28	97	(198/618-853.ccls. not 198/619.ccls.) and (linear adj motor)	US-PGPUB; USPAT	OR	ON	2004/07/08 18:12
S29	4	198/618-853.ccls. and (carriage with vacuum with below)	US-PGPUB; USPAT	OR	ON	2004/07/08 18:18
S30	45	198/618-853.ccls. and (carriage with (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/08 18:18
S31	185	(198/618-853.ccls. and (sheet same flat) not belt) not (198/618-853.ccls. and (sheet near10 flat) not belt)	USOCR	OR	ON	2004/07/09 10:17
S32	31	"198"/\$.ccls. and (vacuum with carriage)	USOCR	OR	ON	2004/07/09 10:17
S33	70	"198"/\$.ccls. and (vacuum with carriage)	US-PGPUB; USPAT	OR	ON	2004/07/09 10:21
S34	45	198/618-853.ccls. and (carriage with (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/09 10:21
S35	25	198/618-853.ccls. and (carriage with vacuum)	US-PGPUB; USPAT	OR	ON	2004/07/09 10:26
S36	1	"6,441,286".pn.	US-PGPUB; USPAT	OR	ON	2004/07/09 10:26
S37	1	"6,410,833".pn.	US-PGPUB; USPAT	OR	ON	2004/07/09 10:26
S38	14	("3155383" "3662103" "3867675" "3886371" "4131916" "4245259" "4319283" "4348697" "4455910" "4471375" "4476496" "4485409" "4495871" "4686581").PN.	USPAT	OR	ON	2004/07/09 11:14
S39	332	conveyor same (carriage with (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/09 11:25
S40	10	"4764815".URPN.	USPAT	OR	ON	2004/07/09 11:16
S41	142	101/401.1.ccls. and (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 11:18
S42	5	"5934195".URPN.	USPAT	OR	ON	2004/07/09 11:20
S43	14	("4149798" "4240119" "4312590" "4423955" "5174205" "5255607" "5341157" "5345870" "5351617" "5353705" "5369468" "5434646" "5459505" "5550574").PN.	USPAT	OR	ON	2004/07/09 11:20

S44	49	(US-6354208-\$ or US-6196401-\$ or US-6076464-\$ or US-6064416-\$ or US-6029572-\$ or US-6016188-\$ or US-5934195-\$ or US-5909236-\$ or US-5870624-\$ or US-5738014-\$ or US-5699740-\$ or US-5495279-\$ or US-5437360-\$ or US-5369468-\$ or US-5351617-\$ or US-5341157-\$ or US-5339737-\$ or US-5327194-\$ or US-5329825-\$ or US-5255607-\$ or US-5245438-\$ or US-5227606-\$ or US-5220356-\$ or US-5193690-\$ or US-5121830-\$ or US-5115920-\$).did. or (US-5058500-\$ or US-5034756-\$ or US-4963894-\$ or US-4909378-\$ or US-4887706-\$ or US-4809028-\$ or US-4764815-\$ or US-4746942-\$ or US-4729310-\$ or US-4718340-\$ or US-4681203-\$ or US-4717928-\$ or US-4424519-\$ or US-4423955-\$ or US-4417260-\$ or US-4398629-\$ or US-4149798-\$ or US-4149626-\$ or US-4023672-\$ or US-4015702-\$ or US-3650376-\$ or US-3620353-\$ or US-6427322-\$).did.	USPAT	OR	OFF	2004/07/09 11:22
S45	7	(US-3307231-\$ or US-3545596-\$ or US-3237244-\$ or US-2932380-\$ or US-2982387-\$ or US-1786779-\$ or US-2953233-\$).did.	USOCR	OR	OFF	2004/07/09 11:22

S46	19	((US-6354208-\$ or US-6196401-\$ or US-6076464-\$ or US-6064416-\$ or US-6029572-\$ or US-6016188-\$ or US-5934195-\$ or US-5909236-\$ or US-5870624-\$ or US-5738014-\$ or US-5699740-\$ or US-5495279-\$ or US-5437360-\$ or US-5369468-\$ or US-5351617-\$ or US-5341157-\$ or US-5339737-\$ or US-5327194-\$ or US-5329825-\$ or US-5255607-\$ or US-5245438-\$ or US-5227606-\$ or US-5220356-\$ or US-5193690-\$ or US-5121830-\$ or US-5115920-\$).did. or (US-5058500-\$ or US-5034756-\$ or US-4963894-\$ or US-4909378-\$ or US-4887706-\$ or US-4809028-\$ or US-4764815-\$ or US-4746942-\$ or US-4729310-\$ or US-4718340-\$ or US-4681203-\$ or US-4717928-\$ or US-4424519-\$ or US-4423955-\$ or US-4417260-\$ or US-4398629-\$ or US-4149798-\$ or US-4149626-\$ or US-4023672-\$ or US-4015702-\$ or US-3650376-\$ or US-3620353-\$ or US-6427322-\$).did.) and (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 11:22
S47	610	conveyor same (plate or sheet) same ((carriage or head or chuck) with (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/09 11:29
S48	4283	kodak.as. and vacuum	US-PGPUB; USPAT	OR	ON	2004/07/09 11:29
S49	354	kodak.as. and vacuum and convey\$3	US-PGPUB; USPAT	OR	ON	2004/07/09 11:30
S50	110	kodak.as. and vacuum and conveyor	US-PGPUB; USPAT	OR	ON	2004/07/09 11:39
S51	2	(conveyor same (plate or sheet) same ((carriage or head or chuck) with (vacuum or suction))) and 198/717-749.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/09 11:40
S52	78	198/717-749.ccls. and vacuum	US-PGPUB; USPAT	OR	ON	2004/07/09 11:45
S53	115	198/717-749.ccls. and (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 11:47
S54	37	(198/717-749.ccls. and (vacuum or suction)) not (198/717-749.ccls. and vacuum)	US-PGPUB; USPAT	OR	ON	2004/07/09 11:46
S55	84	198/717-749.ccls. and (vacuum or suction)	USOCR	OR	ON	2004/07/09 11:47
S56	4	("0669232" "1132840" "1462511" "2729321").PN.	USPAT	OR	ON	2004/07/09 12:01

S57	8	"4023672".URPN.	USPAT	OR	ON	2004/07/09 12:01
S58	3	("3545596" "2253198" "3047127").PN.	USPAT	OR	ON	2004/07/09 12:07
S59	5	"3047127".URPN.	USPAT	OR	ON	2004/07/09 12:08
S60	10	"3545596".URPN.	USPAT	OR	ON	2004/07/09 12:08
S61	11	("2932380" "3545596" "3620353" "3871534" "3930573" "3934707" "4071137" "4149626" "4357128" "4593810" "4732265").PN.	USPAT	OR	ON	2004/07/09 12:10
S62	40	flat\$1bed with plate\$1sett\$3	US-PGPUB; USPAT	OR	ON	2004/07/09 12:59
S63	1	"6643049".pn.	US-PGPUB; USPAT	OR	ON	2004/07/09 13:56
S64	13	("4281904" "4617578" "4661828" "4746942" "4819018" "5796511" "6094300" "6130751" "6137631" "6166759" "6169565" "6222666" "6384969").PN.	USPAT	OR	ON	2004/07/09 12:59
S65	1116	"414"/\$.ccls. and (conveyor same (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/09 13:57
S66	771	"414"/\$.ccls. and (conveyor with (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/09 14:04
S67	602	"414"/\$.ccls. and ((sheet or plate) and (conveyor with (vacuum or suction)))	US-PGPUB; USPAT	OR	ON	2004/07/09 14:06
S68	426	"414"/\$.ccls. and ((sheet or plate) and conveyor and ((carriage or head or chuck) with (vacuum or suction)))	US-PGPUB; USPAT	OR	ON	2004/07/09 14:11
S69	4	eberhard-hans-\$.in.	US-PGPUB; USPAT	OR	ON	2004/07/09 14:38
S70	1424	(sheet adj metal) and conveyor and support and (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 14:39
S71	27	(sheet adj metal) same conveyor same support same (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 14:40
S72	690	plate same conveyor same support same (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 15:34
S73	1251	plate same slid\$3 same support same (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 14:41
S74	158	plate same slid\$3 same roller same support same (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 14:46

S75	1251	plate same slid\$3 same support same (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 14:46
S76	1093	(plate same slid\$3 same support same (vacuum or suction)) not (plate same slid\$3 same roller same support same (vacuum or suction))	US-PGPUB; USPAT	OR	ON	2004/07/09 14:46
S77	1073	plate same roller same support same (vacuum or suction)	US-PGPUB; USPAT	OR	ON	2004/07/09 14:46
S78	860	(plate same roller same support same (vacuum or suction)) not (((plate same slid\$3 same support same (vacuum or suction)) not (plate same slid\$3 same roller same support same (vacuum or suction))) or (plate same slid\$3 same roller same support same (vacuum or suction)))	US-PGPUB; USPAT	OR	ON	2004/07/09 14:53
S79	124	(support adj bed) with slid\$3	US-PGPUB; USPAT	OR	ON	2004/07/09 15:01
S80	13	(support\$2bed) and slid\$3	USOCR	OR	ON	2004/07/09 15:04
S81	568	144/245.1.ccls. or 144/245.2.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/09 15:14
S82	185	198/468.4.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/09 15:28
S83	218	198/471.1.ccls. not 198/468.4.ccls.	US-PGPUB; USPAT	OR	ON	2004/07/09 15:30
S84	26	198/750.12.ccls. not (198/471.1.ccls. or 198/468.4.ccls.)	US-PGPUB; USPAT	OR	ON	2004/07/09 15:31
S85	8	198/867.03.ccls. not (198/750.12.ccls. or 198/471.1.ccls. or 198/468.4.ccls.)	US-PGPUB; USPAT	OR	ON	2004/07/09 15:32
S86	1	"5143196".URPN.	USPAT	OR	ON	2004/07/09 15:32
S87	13	("3430328" "3555737" "3860125" "4149620" "4278381" "4347927" "4371103" "4502585" "4662503" "4698088" "4770120" "4799586" "4881633").PN.	USPAT	OR	ON	2004/07/09 15:32
S88	107	198/803.5.ccls. not (198/867.03.ccls. or 198/750.12.ccls. or 198/471.1.ccls. or 198/468.4.ccls.)	US-PGPUB; USPAT	OR	ON	2005/01/21 13:23
S89	40	198/717-749.ccls. and ((vacuum or suction) with (device or gripper))	US-PGPUB; USPAT	OR	ON	2004/07/09 15:40
S90	64	198/717-749.ccls. and ((vacuum or suction) and (device or gripper))	USOCR	OR	ON	2005/01/10 15:09

S91	82	198/717.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/10 14:43
S92	209	198/721.ccls. not 198/717.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/10 14:46
S93	74	198/717-749.ccls. and @pd>="20030101"	US-PGPUB; USPAT	OR	ON	2005/01/10 15:40
S94	239	"198"/\$.ccls. and (table same vacuum)	US-PGPUB; USPAT	OR	ON	2005/01/11 13:27
S95	4	("2819810" "3334595").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/11 11:07
S96	12	("3572563").URPN.	USPAT	OR	ON	2005/01/11 11:07
S97	15	("3520422").URPN.	USPAT	OR	ON	2005/01/11 11:23
S98	0	("2761544").URPN.	USPAT	OR	ON	2005/01/11 12:02
S99	4	("1676011").URPN.	USPAT	OR	ON	2005/01/11 13:20
S10 0	1141	"414"/\$.ccls. and (plate with (suction or vacuum))	US-PGPUB; USPAT	OR	ON	2005/01/11 13:41
S10 1	4	("3473910" "6336775" "6354789").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/11 13:46
S10 2	5	"4015702".URPN.	USPAT	OR	ON	2005/01/20 16:12
S10 3	158	271/266.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/20 17:43
S10 4	275	271/264.ccls. not 271/266.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/20 17:45
S10 5	76	"29"/\$.ccls. and "271"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/20 17:56
S10 6	970	("29"/\$.ccls. and "198"/\$.ccls.) not S105	US-PGPUB; USPAT	OR	ON	2005/01/20 17:52
S10 7	432	S106 and plate	US-PGPUB; USPAT	OR	ON	2005/01/20 18:15
S10 8	269	(198/468.4.ccls. or 198/468.11. ccls. or 198/721.ccls. or 198/738. ccls.) and (plate or sheet)	US-PGPUB; USPAT	OR	ON	2005/01/20 18:16

S10 9	60	(US-1676011-\$ or US-2761544-\$ or US-3572563-\$ or US-3620353-\$ or US-3650376-\$ or US-4015702-\$ or US-4023672-\$ or US-4149626-\$ or US-4149798-\$ or US-4327826-\$ or US-4398629-\$ or US-4417260-\$ or US-4423955-\$ or US-4424519-\$ or US-4509891-\$ or US-4681203-\$ or US-4717928-\$ or US-4718340-\$ or US-4729310-\$ or US-4746942-\$ or US-4764815-\$ or US-4809028-\$ or US-4887706-\$ or US-4909378-\$ or US-4963894-\$ or US-5034756-\$).did. or (US-5058500-\$ or US-5115920-\$ or US-5121830-\$ or US-5143196-\$ or US-5193690-\$ or US-5220356-\$ or US-5227606-\$ or US-5245438-\$ or US-5255607-\$ or US-5327194-\$ or US-5329825-\$ or US-5339737-\$ or US-5341157-\$ or US-5351617-\$ or US-5369468-\$ or US-5437360-\$ or US-5495279-\$ or US-5699740-\$ or US-5738014-\$ or US-5870624-\$ or US-5909236-\$ or US-5934195-\$ or US-6016188-\$ or US-6029572-\$ or US-6064416-\$ or US-6076464-\$ or US-6196401-\$).did. or (US-6354208-\$ or US-6427322-\$ or US-6736588-\$).did. or (US-2953233-\$ or US-2982387-\$ or US-3237244-\$ or US-3307231-\$).did.	USPAT; USOCR	OR	ON	2005/01/20 18:55
S11 0	23	S109 and (suction or vacuum)	US-PGPUB; USPAT	OR	ON	2005/01/20 18:55